

HATTAT 255 T

TECHNICAL SPECIFICATIONS

Model	255 T Orchard		255 T	
	2WD	4WD	2WD	4WD
Engine	Perkins	Perkins	Perkins	Perkins
Emission level	Stage 3A	Stage 3A	Stage 3A	Stage 3A
Engine serial code	1103D-33TA	1103D-33TA	1103D-33TA	1103D-33TA
Rated engine power [kW/hp/rpm] [ISO14396]	44/60/2200	44/60/2200	44/60/2200	44/60/2200
Max. torque [Nm/rpm]	251/1400	251/1400	251/1400	251/1400
Capacity [cm ³] / no of cylinders	3300/3	3300/3	3300/3	3300/3
Cylinder diameter x stroke [mm]	105x127	105x127	105x127	105x127
Type of air filter	Dry type	Dry type	Dry type	Dry type
Aspiration	Turbo&Intercooler	Turbo&Intercooler	Turbo&Intercooler	Turbo&Intercooler
Fuel tank [lt]	56	56	56	56
Transmission				
Type of gearbox	Partly synchromesh	Partly synchromesh	Partly synchromesh	Partly synchromesh
Number of speed	8F+2R	8F+2R	8F+2R	8F+2R
Gearbox clutch	Dry type, split torque clutch	Dry type, split torque clutch	Dry type, split torque clutch	Dry type, split torque clutch
Speeds [km/h-rpm]	38-2200	38-2200	38-2200	38-2200
Differential Lock & 4WD				
Differential lock engagement	Mechanical	Mechanical	Mechanical	Mechanical
4WD engagement	-	Mechanical	-	Mechanical
PTO				
IPTO	Independent, Hydraulically Operated	Independent, Hydraulically Operated	Independent, Hydraulically Operated	Independent, Hydraulically Operated
IPTO rpm - engine rpm	540-1906	540-1906	540-1906	540-1906
PTO rpm - engine rpm	540-1685	540-1685	540-1685	540-1685
PTO power [kW]	34	34	34	34
Rear Axle and Brake				
Brake type	Oil cooled disc	Oil cooled disc	Oil cooled disc	Oil cooled disc
Actuation	Mechanical	Mechanical	Mechanical	Mechanical
Number of disc [both side]	4	4	4	4
Brake pedals	Pendant	Pendant	Pendant	Pendant
Parking brake	Hand lever operated	Hand lever operated	Hand lever operated	Hand lever operated
Auxiliary Hydraulics & Rear Hydraulic Lift				
Max. oil flow / pump pressure [(l/min)/bar]	31/185	45/195	31/185	45/195
Functions	Draft, position and response control	Draft, position and response control	Draft, position and response control	Draft, position and response control
Auxiliary hydraulic [output/valves]	2/1-4/2	2/1-4/2	2/1-4/2	2/1-4/2
Max. lift capacity [kg]	1650	1650	1650	1650
Steering type	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
Dimensions and Weights				
Weight [without ballast weights] [kg]	2250	2550	2250	2550
Front ballast weight [kg]	6x22	6x22	6x22	6x22
Main front ballast weight [kg]	1x40	1x40	1x40	1x40
Rear ballast weight [kg]	2x41/2x30	2x41/2x30	2x41	2x41
Total length, with front weights [mm]	3520	4000	3520	4000
Wheelbase [mm]	1890	1980	1890	1980
Front wheel track settings [mm]	1460-1730	1460-1730	1460-1730	1460-1730
Rear wheel track settings [mm]	1415-1710	1415-1710	1415-1710	1415-1710
Overall width [mm]	1940-2100	1940-2100	1940-2100	1940-2100
Overall height [mm]	2350	2560	2350	2560
Tires				
Option 1 [front]	5.50-16	280/70R16	6.00-16	280/70R18
Option 1 [rear]	13.6/12-24	380/70R24	13.6/12-28	340/85R28
Option 2 [front]	5.50-16	-	6.50-16	280/70R20
Option 2 [rear]	13.6/12-28	-	14.9/13-28	380/85R28

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